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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/879,312
FILING DATE: 12-Jun-2001

Input Set : N:\CRF3\RULE60\09879312.txt
Output Set : N:\CRF3\12262001\I879312.raw

SEQUENCE LISTING

(1) GENERAL INFORMATION:

- (i) APPLICANT: Glimcher, Lannie H. et al.
- (ii) TITLE OF INVENTION: Human c-Maf Compositions and Methods of Use Thereof

10 (iii) NUMBER OF SEQUENCES: 2

12 (iv) CORRESPONDENCE ADDRESS:

- (A) ADDRESSEE: LAHIVE & COKEFFID, LLP
- (B) STREET: 28 State Street
- (C) CITY: Boston
- (D) STATE: Massachusetts
- (E) COUNTRY: USA
- (F) ZIP: 02109

18 (v) COMPUTER READABLE FORM:

- (A) MEDIUM TYPE: Floppy disk
- (B) COMPUTER: IBM PC compatible
- (C) OPERATING SYSTEM: PC-DOS/MS-DOS
- (D) SOFTWARE: PatentIn Release #1.0, Version #1.25

26 (vi) CURRENT APPLICATION DATA:

- (A) APPLICATION NUMBER: US/09/879,312
- (B) FILING DATE: 12-Jun-2001

27 (C) CLASSIFICATION:

31 (vii) PRIOR APPLICATION DATA:
32 (A) APPLICATION NUMBER: 09/086,010
33 (B) FILING DATE:

35 (viii) ATTORNEY/AGENT INFORMATION:

- (A) NAME: Kara, Catherine J.
- (B) REGISTRATION NUMBER: 41,106
- (C) REFERENCE/DOCKET NUMBER: HU1-027CP

40 (ix) TELECOMMUNICATION INFORMATION:

- (A) TELEPHONE: (617)227-7400
- (B) TELEFAX: (617)742-4214

45 (2) INFORMATION FOR SEQ ID NO: 1:

47 (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 1203 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

53 (ii) MOLECULE TYPE: cDNA

56 (ix) FEATURE:
57 (A) NAME/KEY: CDS
58 (B) LOCATION: 1..1203

61 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

63 ATG GCA TCA GAA CTG GCA ATG AGC AAC TCC GAC CTG CCC ACC AGT CCC	48
64 Met Ala Ser Glu Leu Ala Met Ser Asn Ser Asp Leu Pro Thr Ser Pro	
65 1 5 10 15	
67 CTG GCC ATG GAA TAT GTC AAT GAC TTC GAT CTG ATG AAG TTT GAA GTG	96

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68	Ile	Ala	Met	Glu	Thr	Val	Asn	Asp	Phe	Asp	Leu	Met	Ile	Ser	Gln	Val	
69																	
70																	
71	AAA	AAG	GAA	CCT	GIG	GAG	ACG	GGC	GCG	ATC	ATC	ATC	CAG	TGC	GCG	CCT	
72	Lys	Lys	Glu	Pro	Val	Glu	Thr	Asp	Asp	Ile	Ile	Ile	Ser	Gln	Cys	Gly	Asp
73																	
74																	
75																	
76	CIC	ATC	GCG	GCG	GCG	TGC	TGC	TGC	TGC	ATC	CAC	CAC	AIG	AIG	ACG	CTC	
77	Ile	Ile	Ala	Gly	Gly	Ser	Leu	Ser	Ser	Thr	Pro	Met	Ser	Thr	Pro	Cys	
78																	
79																	
80	AGC	TCG	GIG	CCC	GGG	TCC	CCC	ACG	TTC	TCG	GCG	CCC	AGC	TCG	GGC	TCG	
81	Ser	Ser	Gly	Pro	Pro	Ser	Pro	Ser	Phe	Ser	Ala	Pro	Ser	Pro	Gly	Ser	
82																	
83	CGA	GGC	GAA	CAG	AAG	GCG	CAC	TTC	GAA	GAC	TAC	TAC	TGG	AIG	ACC	GGC	
84	Arg	Gly	Glu	Gln	Lys	Ala	His	Leu	Glu	Asp	Tyr	Tyr	Trp	Met	Thr	Gly	
85																	
86																	
87	TAC	CCG	CAG	CAG	CTG	AAC	CCC	GAG	GCG	CIG	GCG	TTC	AGC	CCC	GAG	GAC	
88	Tyr	Pro	Gln	Gln	Leu	Asn	Pro	Gln	Ala	Leu	Gly	Phe	Ser	Pro	Gln	Asp	
89																	
90																	
91	GCG	GTC	GAG	GCG	CTC	ATC	AGC	AAC	AGC	CAC	CAG	CIG	GCG	GGC	TTC		
92	Ala	Val	Glu	Ala	Leu	Ile	Ser	Asn	Ser	His	Gln	Leu	Arg	Gly	Gly	Phe	
93																	
94																	
95	GAT	GGC	TAT	GCG	GGG	GGG	CAG	CAG	CIA	GCC	GCG	GCG	GCC	GGG	GCA		
96	Asp	Gly	Tyr	Ala	Arg	Gly	Ala	Gln	Gln	Leu	Ala	Ala	Ala	Gly	Ala		
97																	
98																	
99	GGT	GCC	GCG	GCC	ICC	TIG	GCG	AGC	GCG	GAG	GAG	AIG	GCG	CCC	GCC		
100	Gly	Ala	Gly	Ala	Ser	Ieu	Gly	Gly	Ser	Gly	Glu	Glu	Met	Gly	Pro	Ala	
101	145				150					155						160	
102	GCC	GCC	GTG	GIG	TCC	GCC	GIG	ATC	GCC	GCG	GCC	GCG	GCC	GCG	GCC	528	
103	Ala	Ala	Val	Val	Ala	Val	Ile	Ala	Ala	Ala	Ala	Ala	Ala	Gln	Ser	Gly	
104																	
105																	
106	165									170						175	
107	GCG	GCG	CCG	CAC	TAC	CAC	CAC	CAC	CAC	GCC	GCG	GCG	GCC	GCG	CAC	576	
108	Ala	Gly	Pro	His	Tyr	His	His	His	His	His	Ala	Ala	Gly	His	His		
109																	
110																	
111	CAC	CAC	CCG	ACG	GCC	GCG	CCC	GGC	GCC	GCG	GCG	AGC	GCG	GCC	GCT		
112	His	His	Pro	Ihr	Ala	Gly	Ala	Pro	Gly	Ala	Ala	Gly	Ser	Ala	Ala		
113																	
114																	
115	TCG	GCC	GGT	GCG	GCT	GGG	GGC	GCG	GGC	GGT	GGC	GGC	CCG	GCC	AGC	GTG	
116	Ser	Ala	Gly	Gly	Ala	Gly	Gly	Ala	Gly	Gly	Gly	Gly	Gly	Pro	Ala	Ser	Val
117																	
118																	
119	GCG	GCG	GGC	GGG	GGC	GGC	GGC	GGC	GGC	720							
120	Gly	Ala	Ala														
121	225				230					235						240	
122	GGC	GCC	CTG	CAC	CCG	CAC	GCC	GGC	GGC	CTG	CAC	TTC	GAC	GAC	GAC	768	
123	Gly	Ala	Leu	His	Pro	His	His	Ala	Ala	Gly	Gly	Ieu	His	Phe	Asp	Asp	
124																	
125																	
126	245									250						255	
127	CGC	TTC	TCC	GAC	GAG	CAG	CTG	GTG	ACC	ATG	TCT	GTG	CGC	GAC	TGG	AAC	
128	Arg	Phe	Ser	Asp	Glu	Gln	Leu	Val	Thr	Met	Ser	Val	Arg	Asp	Trp	Asn	
129																	
130	260									265						270	
131	CGG	CAG	CTG	CGC	GGG	GTC	AGC	AAG	GAG	GAG	GTC	ATC	CGG	CIG	AAG	CAG	
132	Arg	Gln	Leu	Arg	Gly	Val	Ser	Lys	Glu	Glu	Val	Ile	Arg	Leu	Lys	Gln	

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SEQUENCE LISTING NO: US/09/879,312
DATE: 12/26/01
TIME: 10:30:27

APPENDIX N:\CRF3\RUIE60\09879312.txt
APPENDIX N:\CRF3\12262001\1879312.raw

211	160	188	196
212 Ala Ser Val Ser Ala Val Ile Ala Ala Ala Ala Gln Ser Gly			
213	165	190	175
214 Ala Gly Pro His Ile His His His His His Ala Ala Gly His His			
215	180	185	190
216 His His Pro Thr Ala Gly Ala Pro Gly Ala Ala Gly Ser Ala Ala Ala			
217	195	200	205
218 Ser Ala Gly Gly Ala Gly Gly Ala Gly Gly Gly Pro Ala Ser Val			
219	210	215	220
220 Gly Ala Ala			
221	225	230	235
222 Gly Ala Leu His Pro His His Ala Ala Gly Gly Leu His Phe Asp Asp			
223	245	250	255
224 Arg Phe Ser Asp Glu Gln Leu Val Thr Met Ser Val Arg Asp Trp Asn			
225	260	265	270
226 Arg Gln Leu Arg Gly Val Ser Lys Glu Gln Val Ile Arg Leu Lys Gln			
227	275	280	285
228 Lys Arg Arg Thr Leu Lys Asn Arg Gly Tyr Ala Lys Ser Cys Arg Phe			
229	290	295	300
230 Lys Arg Val Gln Gln Arg His Val Leu Glu Ser Glu Lys Asn Gln Leu			
231	305	310	315
232 Leu Gln Gln Val Asp His Leu Lys Gln Glu Ile Ser Arg Leu Val Arg			
233	325	330	335
234 Glu Arg Asp Ala Tyr Lys Glu Lys Tyr Glu Lys Leu Val Ser Ser Gly			
235	340	345	350
236 Phe Arg Glu Asn Gly Ser Ser Ser Asp Asn Pro Ser Ser Pro Glu Phe			
237	355	360	365
238 Phe Ile Thr Glu Pro Thr Arg Lys Leu Glu Pro Ser Val Gly Tyr Ala			
239	370	375	380
240 Thr Phe Trp Lys Pro Gln His Arg Val Leu Thr Ser Val Phe Thr Lys			
241	385	390	395
242	395	400	

VERIFICATION SUMMARY
Filing Date: 09/10/2001 US/09/879,312

Failure to file
TIME: 10:30:00

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Failure to file
Failure to file in interpreted or standard format [(A) APPLICATION NUMBER]
Failure to file
Failure to file in interpreted or standard format [(B) FILING DATE]